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## Title: NETWORKING SYSTEMS

## Abstract

A novel networking architecture and technique for cing system latency caused, at least in part, by is contention for usage of common bus and memory ities, wherein a separate data processing and queue ogeneral forwarding engine and queue manager are ded for each I/O module to process packet/cell of information and delivers queuing along a separate that eliminates contention with other resources and parate from the transfer of packet/cell data into and the memory.

